INDUSTRIAL COMPONENT DATA

DFK-PC 16/ 7-STF-SH-10,16 1703661 PHOENIX CONTACT Feed-through plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-PC 16/ 7-STF-SH-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 16/ 7-STF-SH-10,16
Catalog number	1703661
Category	Panel feed-through terminal block
Minimum order	10 Pcs
Document ID	EO-00F7A70C6B
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Product Overview

Feed-through plug
Wall pass block, nominal section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: DFK-PC 16/.. -STF-SH, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, pin length [P]: 4.1 mm, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, lock: Screw lock, fixing type: Air clamping (screw), Packaging Type: Boxed Packaging
Feed-through connector, nominal cross section: 16 mm2, color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Pin, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: DFK-PC 16/..-STF-SH, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, solder pin [P]: 4.1 mm, plug-in system: COMBICON PC 16, Electrical properties: shielded, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type Feed-through connector
Product family DFK-PC 16/..-STF-SH
Product line COMBICON Connectors XL

Type Feed-through header
Number of positions 7
Pitch 10.16 mm
Number of connections 7
Number of rows 1
Number of potentials 7
Mounting flange Screw flange
Electrical characteristic shielded
Data management status
Article revision 02
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Rated voltage (III/3) 1000 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Electrical characteristic shielded
Connection dataConnection technology
Type Feed-through header
Connector system COMBICON PC 16
Nominal cross section 16 mm²
Contact connection type Pin
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection method Screw connection with tension sleeve
Connection direction of the conductor to plug-in direction 0 °
Conductor cross section rigid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 18 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm² (Only in connection with CRIMPFOX 16 S)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 16 mm² (Only in connection with CRIMPFOX 16 S)
2 conductors with same cross section, solid 0.75....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-PC 16/ 7-STF-SH-10,16 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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